The DESTROYING ANGEL

By Louis Joseph Vance

but two-thirds of his name was all he

entered; when it came to "Whitaker,"

The thought came to him that he

nust be careful to obliterate all laun-

In his own good time the clerk ap-

ent nod and a glance at the register

peared. His welcome was an indiffer-

which seemed unaccountably to mod-

"Mr. Morton-uh?" he inquired.

Whitaker nodded without words,

The youth shrugged and scrawled

hleroglyph after the name, "Here

Sammy," he said to the boy-"Forty-

three." To Whitaker he addressed the

The youth seemed about to expos

tulate, but checked when Whitaker

placed one of his hundred-dollar notes

"I think that'll cover my liability,

he said with a significance misinter

"That's all right; I'm in no hurry."

The eyes of the lout followed him

as he ascended the stairs. On the

same time Whitaker became aware of

The room was of fair size, and it

dress. She stood by the washstand,

with her back to the light, her attitude

ly tall and very slight, almost angular

in its slenderness. She had been hold-

ing a tumbler in one hand, but as

her fingers; there followed a thud and

moved forward a pace or two, her

stopped as though halted by a force

"I thought," she quavered in

stricken voice-"I thought. . . you

. . my husband . . . Mr. Morton

Then her knees buckled under her

"I'm sorry-I beg pardon," Whit

aker stammered stupidly to ears that

couldn't hear. He swore softly with

exasperation, threw his hat to a chair

Woman.

woman. It seemed as if the high gods

Even while this thought was run-

"That's better." he said pleasantly.

"Now lie still while I fetch you a

As he turned to the washstand his

effluvium that spelled "Oxalic Acid-

with his own absorbing tragedy.

and dropped to his knees beside th

and she plunged forward and fell with

implacable and overpowering.

the boy said . .

a thump that shook the walls,

"I sin't got enough change-

further remark: "Trunks?"

dry marks on his clothing.

erate his apathy.

"No."

on the counter.

a contretemps.

preted by the other.

open at a page neatly headed with a druggist's label on the empty packet

his pen paused and passed on to write ter, which he offered to the girl's lips,

"Philadelphia" in the residence col- passing his arm beneath her shoulders

drink.

did you?"

tinguish.

than a silhouette of a figure moderate- up misery racked her slender little

Whitaker appeared this slipped from he happened to look down. He saw a

a sound of split liquid at her feet. She | together with envelopes, a pen, a bot-

hands fluttering out toward him, then were sealed and superscribed, and two

body.

"Yes?"

her down again.

in a moment or two."

"I won't. Don't worry."

"Please . . .

In another moment he was back at

the bedside with a clean glass of wa-

and lifting her head so that she might

"Look here," he said almost roughly

under the lash of this new fear-"you

didn't really drink any of that stuff,

Her eyes met his with a look of

negation clouded by fear and bewilder-

ment. Then she turned her head away.

Dragging a pillow beneath it, he let

"Good," he said in accents meant to

deep tearing sobs while waves of pent-

Whitaker moved softly away. . . .

Once, pausing by the centre-table,

little heap of the hotel writing-paper,

tle of ink. Three of the envelopes

were stamped. The unstamped letter

was addressed to the Proprietor of the

Of the others, one was directed to

a Mr. C. W. Morton in care of another

Avenue, New York; and from this

wrong room; there's no great differ-

But the third letter caused his eyes

name of Thurlow Ladislas, Esq., and

Whitaker's mouth shaped a still-born

CHAPTER III.

Mrs. Whitaker.

He lived through a long, bad quarter

our, his own tensed nerves twanging

in sympathy with the girl's sobbing-

like telegraph wires singing in a gale

strangely new and compelling, wearing

a fresh complexion that lacked alto-

He mixed a weak draught of brandy

and water and returned to the bedside

that came into her cheeks, faint but

"My name is Whitaker," he said-

'Hugh Morten Whitaker. "I didn't

want to be known, so registered as

warm. After a moment she asked:

"Please-who are you?"

gether the coloring of self-interest.

-his mind busy with many thoughts.

especially when written carelessly.

Wall Street address.

Commercial house.

She emptied the glass thirstily.

date in red ink. Whitaker registered; on the washstand.

SYNOPSIS.

Young Hugh Whitaker's doctors tell sim he has but a few months to live, and his sweetheart filts him. His friend, Peter Stark, finds him disconsolate and proposes

Can you imagine a more tragic figure than a young girl described in a ratty hotel by the man with whom she eloned, and given notice that her people have cast her out of their lives and she must shift for herself? One little maiden in such a plight thought there were but two courses ahead for her. One was dishonorable. So she emptied a little black bottle into a glass of water and-well what happens is told in this installment with dramatic effect.

........ CHAPTER II

"Mrs. Morten." It was three in the morning before Peter Stark, having to the best of his endurance and judgment tired Whitsker out with talking, took his hat and his departure from Whitaker's bachelor rooms. Whitaker shut the hall door and turned back wearily into his living-room. It was three in the morning: his body ached with fatigue, yet he made no move toward his bedcham-

Picking his way across a floor lithim a coin in passing-an attention tered with atlases, charts, maps and which he acknowledged by pulling the bred to the finer things of life-this guide-books, he went to the bathroom and took a bottle of chloral from the guest had entered the room. At the plicity of her severely plain attire.

What he took brought him three hours of oblivion. He rose at eight, ordered his breakfast up by telephone, bathed and dressed. When the tray came up, his mail came with it. Among others there was one letter in which one of tense expectancy; hardly more he read:

Dear Hugh: I can call you that, now, because you're Peter's dearest friend and therefore mine, and the proof of that is that I'm telling you first of all of our great happiness. Peter and I found out that we loved one another only yesterday, so we're going to be married the first of June and . . ."

Whitaker read no more. He could guess the rest, and for the moment he felt too sick a man to go through to the end. Indeed, the words were blurring and running together beneath his gaze.

After a long time he put the letter aside, absent-mindedly swallowed a cup of lukewarm coffee and rose from an otherwise untasted meal,

"That settles that, of course," he said quietly. "And it means I've got to hustle to get shead of Peter." Whitaker packed a hand-bag with a

few essentials, not forgetting the bottle of chloral. He was not yet quite sure what he meant to do after he had definitely put himself out of Peter Stark's sphere of influence, but he hadn't much doubt that the drug was destined to mate solution, and would as readily have thought of leaving it behind as of going without a toothbrush or rallway fare:

Leaving the bag in the parcels-room at the Grand Central Station, he went down-town to his office. Happily his partner, Drummond, was out of town for the day. He worked expeditiously, having no callers until just before he was ready to leave. Then he was obliged to admit one who desired to make a settlement. He took Whitaker's receipt for the payment in cash, leaving behind him fifteen one-hundreddollar notes. Whitaker drew his personal check for the right amount and left it with a memorandum under the paper-weight on Drummond's desk; put a match to a shredded pile of personal correspondence in the fireplace; and caught a train at the Grand Central at one-three.

Not until the cars were in motion did he experience any sense of security from Peter Stark. He had been apprehensive intil that moment of some unforeseen move on the part of his friend; Peter was capable of wide but sure casts of intuition on occasion especially where his affections were Dropped to His Knees Beside the touched. But now Whitaker felt free, free to abandon himself to meditative despair. Cold horror crawled in his brain like a delirium-horror of him- were bardly playing fair, to throw a self, of his morbid flesh, of that mori- fainting woman on his hands just then, bund body unfit to sheathe the clean at a time when he was all preoccupied fire of life.

At about four o'clock the train stopped to drop the dining-car. Wholly ning through his mind, he was gatherswayed by blind impulse, Whitaker got ing the slight young body into his up, took his hand-bag and left the car. arms; and he found it really astonish-On the station platform he found ingly easy to rise and bear her to himself pelted by a pouring rain. He the bed. Then turning to his hand-bag,

imprisoned himself in the body of an he opened it and produced a small, aged and decrepit four-wheeler, and leather-bound flask of brandy; a little as they rocked and crawled away, the of which would go far toward shatterblind windows wept unceasingly, and ing her syncope, he fancied. unceasingly the rain drummed the It did, in fact: a few drops between long roll on the roof. her half-parted lips, and she came to In time they stopped before a with disconcerting rapidity, opening

rambling structure whose weather- dazed eyes in the middle of a spasm of boarded facade, white with flaking coughing. He stepped back, stoppering paint, bore the legend: "Commercial the flask, House," Whitaker carried his hand-bag up the steps and across the rain-swept veranda into a dim. cavernous hall. drink of water." A cubicle fenced off in one corner formed the office proper. Whitaker foot struck the tumbler she had waited by the desk, a gaunt, weary dropped. He stopped short, frowning man, hagridden by fear. There was in down at the great, staring, wet, yelhis mind a desolate picture of the room low stain on the dingy and threadhare up-stairs when he-his soul: the im- carpet. Together with this discovery perishable essence of himself-should he got a whift of an acrid-sweet have finished with it. . . At his elbow lay the hotel register, Poison" as unmistakably as did the

voices are calling you—one coming your horizon - one the fast-fading

The Reading of Books.

to acquire the reading habit? They

all go to school and they are taught

much more about literature than it

was the custom to teach the boys and

girls of earlier generations. Yet some-

how it does not appear that when they

ten by the authors with whose names

they become familiar as the great

Message to Young Men. Young man, life is before you. Two where manhood shrivels and posses- your feet, go about your domestic from the swamps of selfishness and other leading off to the highlands of are dry. You will find that you have force, where success means death, and the morning, where are heard the glad as comfortable a pair of shoes as you the other from the hilltops of justice shouts of humanity and where honest and progress, where even failure effort is rewarded with immortality.brings glory. Two lights are seen in John Peter Altgeld. marsh light of power and the other the slowly rising sun of human broth-

sion rots down the possessor; and the

When you buy a new pair of shoes arhood. Two ways lie open before you and they hurt your feet, place them -one leading to an ever lower and in warm water (not hot); let them

So many other matters take their

attention. The automobile is one

bindrance to the formation of the

reading habit. The freedom it gives

is more fascinating to the average

tle leisure for.

serious.

leave school they read the books writ- young person than any book of fic-

Ethel-Here is a notice of Olive's betrothal. It must be her fourth this lower plain, where are heard the cries | remain five minutes, take them out, | veteran of the engagement ring.

if my story is not true.

Max-She is getting to be quite a the sensational and trivial novels of the general business of having a "good How are the young folk of today | the day, and even these they have lit- | time" through some form of activity. For in these days youth demands a

good time as an inalienable right .-

Indianapolis Star, "What is an amateur?" is still one of the raging queries of the hour. But. tion, to say nothing of anything more in spite of all the recent discussion, It invites and knows no we haven't changed the answer we ones of the literary world. It does not | refusal. "Movies" attract a multitude | evolved four years ago, viz., "Anyone appear, in fact, that many of them | to whom motor cars are not available. | who can get away with it,"-New York tread books of any kind unless it is And there is dances and theaters and Tribune.

APPLICATION OF MANURE AND FERTILIZERS



DISTRIBUTING MANURE IN PROPER MANNER.

be enheartening; "you'll be all right Her colorless lips moved in a whisper he had to bend close to disground and well worked into the soil horse loads to the acre. with the harrow. Harrow both ways "Please don't . . . call anybody. ." loads of manure to load, haul and for all. The small grains and grasses spread spring and fall; a two-horse require manure near the surface. The lids quivered down over her spreader should be used. The manure eyes, and her mouth was wrung with can be spread thick or thin. The anguish. He stared, perplexed. He lumps are broken up fine and spread six two-horse loads of rotted manure wanted to go away quickly, but evenly over the ground. Fresh horse and four hundred pounds of high-grade couldn't gain his own consent to do manure, containing much straw, bone fertilizer, drilled in with the underground water. A small amount so. She was in no condition to be should be piled between layers of cat- grain; to the acre. This method will of iron oxides deposited at the same second floor as Whitaker came into left alone, this delicate and fragile the and hog-pen manure. Each foot-lay- give larger yield of grain and a thick time has given the brilliant and beauview, the boy thrust open the door, child, defenceless and beset. A strange er of manure, as it is piled, should be set of timethy and clover. This prac-

usual; delicate, sensitive, high-strung, to rot up the manure. Heavy solls will be greatly improved door to with a bang the moment the last was self-evident in the fine sim- and capable of holding the rainfall by spreading, say 14 to 16 two-horse A variety of impressions crowded loads of long straw stalk manure upon his perceptions in little more to the acre on top of the ground and than a glance. For suddenly Nature plowing under as fast as it is spread. was tenanted by a woman in street took her in hand; she twisted upon her side, as if to escape his regard, and covered her face, her palms muffling

Barnyard manure, when rotted. be used. It should be spread early in should be spread on top of the plowed October, and quite thin-about six two-There is a great difference in land of the field. If there are fifty wagon and the same treatment will not do

It is a good plan to use both animal manure and fertilizers for wheat, say disappeared for an instant, and came girl, to find in a plight like hers, he given a thick coat of land-plaster. The tice is coming into favor with pracout minus the bag. Whitaker gave thought: not pretty, but quite un- plaster holds the ammonia and helps tical grain growers. It is the usual practice among our successful truck- in diameter and more than 100 feet good one.

and grass, fresh horse manure should and it costs too much to spread it.

ONLY SMALL YIELD

Hardly Seem Worthy of Atten-

tion From Grower.

that Chinese hulless oats, one of the

The best hulless oats under field con-

Why Every Farmer Should

Have Huge Receptacle.

Ten reasons why every farmer who

reeps live stock should have a silo,

due university, should afford some sell-

1. The silo preserves the palatabil-

ity and succulence of the green corn

3. The silo increases the live stock

4. Silage is a good summer feed

5. Because of the small amount of

s an economical means of storing for-

7. The silo located near the feed

8. The silo assists in reducing the

9. Silage greatly increases the milk

flow during the winter season and de-

10. There are no stalks to bother

Excellent Hog Forage.

Cheap Harness is Expensive.

A "cheap" harness is really about

the most expensive thing on the farm,

Good Things About Alfalfa.

Alfalfa works for nothing and boards

itself. There are 19 other good things

Rape, clover and corn fed in connec-

plant for winter feeding.

capacity of the farm.

when pastures are short.

value of the corn plant.

weather.

sheep.

the silo.

about alfalfa.

ire corn plant.

2. It helps to make use of

ditions produced only 53 per cent of

purpose.

ARRANGE BUILDINGS HULLESS OATS GIVE MORE CONVENIENTLY

Location Has Much to Do With Time Required to Perform Certain Work Around the Farm.

(By W. C. PALMER, Agricultural Editor North Dakota Agricultural College.)
The location of the buildings on a farm has a great deal to do with the often pay to move some of the build-Whitaker began to understand the sin- ings in order to secure a more congular manner of his introduction to the venient arrangement. This was done on one farm, with the following re- years. The average yield for a two ence between Morton and Morten, sults. Under the old plan, it required years' test in the grain nursery shows walking 53 miles a year, just carrying in water. Under the new plan, o widen considerably. It bore the the water was piped into the house per cent of the yield of Swedish Select no walking required. Bringing in the oats. An improved hulless oat which wood under the old plan required was produced at the Washington exwalking 22 miles. Under the new ar- periment station by crossing the Chiwhistle. He was re-calling with sur- rangement, this was reduced to eight nese hulless on the Palouse Wonder prising distinctness the fragment of and three-fourths miles. The trips out, produced 72 per cent of the yield dialogue he had overheard at his club | made to the machine shed during the | produced by Swedish Select during the year amounted to fifty-seven and onethird miles; by the new arrangement, it was reduced to eleven and threefourth miles. By the new arrange- the yield of Swedish Select. Besides ment, the year's trips in feeding the producing a low level, most of the hogs was reduced 102.5 miles, and in hulless varieties have a tendency to caring for the chickens, three miles shatter badly and are often susceptible were saved. The total saving for the to mut, thus further reducing the year through rearranging the farm- yield of the harvested crop. Attempts stead was 217.3 miles.

It was also figured up and found hulless varieties by crossing them on that at living wages, that the time some of the better yielding varieties. used up in walking these 217.3 miles Until hulless oats are further improved was worth \$36.74. It must be remem- they would hardly seem to be worthy bered that it was not only a case of of attention from the grower, except walking these miles, but it was usually where they are to be used for a special with something to carry.

She made an effort to rise. The effect was quickly apparent in the color NITRATE OF SODA AS TEN GOOD REASONS

POTASH SUBSTITUTE

Rotation of crops is the best plan

to follow because the continuous

growing of the same crop on a piece

of land draws heavily upon certain

Brooks, director of the Massachusetts as follows:

kinds of plant food. Dr. William P.

station, says that nothing will wholly

take the place of potash for crops,

but next to that would be nitrate of

soda, for the chemical action of soda

Acid phosphates should also be

used. At the present price of pot-

ash corn stalks are worth \$10 per

ton for the potash in them. The ef-

fect of lime on crops has been exag-

gerated. It is injurious rather than

beneficial in growing tobacco, but is

better for onlons, and he recommends

DON'T HURRY TO FILL SILO

Green Feed Often Better When Per-

mitted to Settle a While-Walt

for Maturing Corn.

It is not essential that the silo be

better than lime for tobacco

it for this purpose. Land plaster is age.

tends to unloose potash in the soil.

Hugh Morten. They mistook me for your husband." Continuous Growing of Same Crop | Professor Skinner of Purdue Tells The girl swung to ber feet. on Piece of Land Draws Heav-"I want to tell you something." She faced him bravely, though he refused ily on Plant Food. the challenge of her tormented eyes.

Won't you listen?" He crossed to a window, where he stood staring out. "I'd rather not," he said softly, "but if you prefer-" "I do prefer." said the voice behind him, "I-I'm Mary Ladislas,"

"I . . . I ran away from home last week-five days ago-to get married to our chauffeur. Charles Morton . . . ' She stammered. "Please don't go on, if it hurts," he

"Yes," said Whitaker,

begged without looking around. "I've got to-I've got to get it over with. . . . We were at Southampton. at my father's summer home-I mean. that's where I ran away from. He-Charley-drove me over to Greenport and I took the ferry there and came here to wait for him. He went to New York in the car, promising to join me

here as soon as possible. . "And he didn't come," Whitaker yound up for her, when she faltered. "How much money of yours did he take with him?" There was a brief pause of aston-

shment. "What do you know about that?" she demanded. "I know a good deal about that type of man," he said grimly.

filled at one time. Many farmers have found that it is best to let silage settle F----a while before putting too much on What will Whitaker do with top of it. Some run the cutter one this frail girl on his hands? day and let it stand the next. If enough creases the cost of production, What would you do in such circorn is not ready for filling it entirely cumstances? it is very well to wait for another field in the manure when corn is put into

(TO BE CONTINUED.)

Pear blight very often affects apple of despair and the curses of the poor, | shake out the water, put them on trees; and whenever it is discovered tion with bluegrass pasture comprise every particle of the diseased parts an excellent forage crop rotation for work, don't sit down until your shoes should be cut out, or if very bad the the hog farm. entire tree should be destroyed. ever had on your feet. Try it and see

Money Lost in Selling. What does it profit a man if he raises the best crop in the country and as it sometimes costs a life. loses money in the selling?

Cultivate Celery. Keep the soil loose and mellow around the celery plants.

Sweden's Income Increased.

705,800, so that the income for the latter year was more than \$2,000,000 A statement of the national income lower than was estimated. of Sweden for 1915, received from

American Minister Ira N. Morris, al Stockholm, gives a total of \$40,312,816 Man Bound to Succeed. an increase over the 1914 figures, It is the man who carefully pegs his fort, he said. which were \$39,949,540. During the way up step by step, with his mind bemonth of December, however, the 1915 coming wider and wider, and progresfigures of \$3,266,021 showed a desively better able to grasp any theme crease from \$4,012,199 in December, or situation, persevering in what he 1914. The estimate of income which knows to be practical and concentratwas made for 1914 was slightly less ing his thought upon it, who is bound than the actual amount received, to succeed in the greatest degree .whi the estimate for 1915 was \$42. Alexander Graham Bell.

Petrified Forest of Arizona "Loafer" Acres Are a Dead Loss

TREES TURN TO STONE WASTE LANDS COSTLY

Owned by Uncle Sam.

Study of These Relics of the Age of Reptiles Is Full of Interest to the Geologist.

The "petrified forest" of Arizona is a short distance south of Adamana, on what might be productive land. the line of the Santa Fe railroad.

in 1906. The name "forest" is not rods of barbed wire fence. strictly appropriate, for the petrified nearby region and, after falling, drifted down a water-course and lodged In some eddy or a sand bank. Later they were buried by sand and clay, finally to a depth of several thousand feet. The conversion to stone was effected by gradually replacement of the woody material by silica in the form called chalcedony, deposited by Some of the tree trunks are six feet

ers and market gardeners, and it is a in length. In the first forest there is a fine trunk that forms a natural The old method of dropping ma- bridge over a small ravine, the water nure in small piles over the plowed having first washed away the overlyfield to be spread by hand and har- ing clay and sand and then, following rowed in is a slow and laborious prace a crevice, worked out the channel un-For top dressing late seeded grain | tice. The manure is not properly spread | derneath. The length of this log is 110 feet, and the diameter four feet at the butt and 11/2 at the top. The petrified woods are beautiful

objects for study. When thin slices

are carefully ground down to a thick-

under the microscope they show perfectly the original wood structure, all the cells being distinct, though now Until Further Improved They they are replaced by chalcedony. By studying the sections F. H. Knowlton of the United States geological survey, department of the interior, has found that most of these araucarian The Washington experiment station | trees were of the species Araucarioxyl obtained a small quantity of hulless on arizonicum, a tree now extinct. It oats from the United States depart is known to have lived at the same person at a number on lower Sixth time required to do the work. It will ment of agriculture in 1904. These and geologic time also in the east-central other hulless varieties have been part of the United States, where the tested with the ordinary ones, which remains of some of its associates have have hulls on, for the past several also been found.

> UNCLE SAM WILL ENDEAVOR TO AMERICANIZE IMMIGRANTS most common varieties, produced 43

> > Launches Campaign to Induce 3,000,000 Non-English Speaking Residents to Attend Night School.

Uncle Sam has inaugurated a great "America First" campaign. The object a farm of 100 acres selling at \$100 of this movement is to induce 3,000,000 an acre will cost the purchaser actu- Told Girl Stenographer to "Figure non-English speaking immigrants in ally \$111.11 an acre if 90 per cent the United States to attend night of it is productive and \$200 an acre if school and learn the language of only 50 per cent of it is. As a mat-America. The campaign is directed ter of fact, the percentage of improved by the United States bureau of edu- land in farms east of the Mississippi cation, which is a part of the depart- is only 59.5 and west of that river only ment of the interior.

The commissioner of education has designated men dealing with the immiare being made to improve these grant's problems from every angle to serve on a national committee of 100 to further the purposes of the campaign. This action is the result of resolutions adopted by two Americanization conferences held during the recent meetings of the National Educational association in Detroit and in New York, at which times it was decided that the removal of the inability of the foreign-born residents to speak FOR BUILDING SILO English could be hastened by concerted effort and co-operation of all interested agencies and individuals working intensively on a nation-wide basis the opening of evening schools in Oc- The tolls collected in July, 1916, tober.

Letters of appointment were sent to representative industrial leaders, educators, labor and immigration officials, state officials, editors, officers of pawritten by Prof. J. H. Skinner of Purtriotic, civic and racial organizations and public spirited citizens in every ing argument for dealers. They are section of the United States. The function of the committee will be to co-operate with the bureau in enlisting the active interest of school superintendents, chambers of commerce commercial organizations, industrial establishments, labor unions and private organizations.

For the purpose of enlisting native and foreign-born American citizens in the "America First" campaign an enrollment blank headed "Sign this card and join the Americanization moveground space required by the silo it ment" will be used. Thousands of these cards, asking each signer for his personal help, will be disseminated in 6. The silo prevents waste of corn states and cities where immigrants restalks, leaves and husks, which conside. Through the active assistance tain about two-fifths of the feeding secured in this manner the bureau expects to be able to reach thousands of immigrants which it would reach in no manger is an assurance of having feed other way. Co-operating subcommitnear at hand in stormy as well as fair tees will be appointed in the principal immigrant communities. cost of grains in fattening cattle and

Glass Sand Output Grows. The production of glass sand in this country in 1915 was 1,884,044 short tons, valued at \$1,606,640. 'This is the largest quantity ever reported by the United States geological survey, which it sees one. gravel.

The sanitation of each individual

Mon. Rest, particularly sleep, will re longs.

to the Farmer.

An Acre of Land Is Eaten Up by Every 214 Rods of the Old-Fashioned Zigzag Rail Fence.

It takes only 214 rods of the old one of the most interesting posses- fashioned zigzag rail fence, once s sions of Uncle Sam. There are really common in the country and still seen a series of petrified forests which lie on many farms, to waste an acre of takes only 209 rods of untrimmed There are four "forests," included hedge to waste an acre of what other in a government reservation called wise might be productive land. For "Petrified Forest National Monument," the same expenditure of land one car created by presidential proclamation run 459 rods of woven wire and 473

These calculations have been made tree trunks are all prestrate and are by Uncle Sam and are embodied in s broken into sections. The logs are farmers' bulletin recently issued. The the remains of giant trees that grew conclusion is reached in this builetiz in Triassic time, the age of reptiles. that many farmers would make more The trees were related to the Norfolk money if their business were larger Island pine, now used for indoor dec- but that the size of a farm, from a oration. Doubtless they grew in a financial standpoint, is measured vot by the number of acres embraced it it, but by the number that are producing crops, pasturing animals economically, or supporting a growth of GRAND AMERICAN HANDICAP marketable forest products. Nonpro pointed out, and the money tied up in them is dead capitál.

Farm lanes often may be eliminated by a simple rearrangement of fields, headlands, or turning spaces at the edges of fields, avoided, and the farmstead itself, the group of farm buildings with their lots and yards, the garden and the orchard, made comslight sacrifice of economy.

Obviously, the higher the price of and rises the more incentive there is for the farmer to avoid waste in the utilization of it. It is significant, however, that irrespective of the price, tenants put a greater part of their land to productive use than owners. The tenant pays rent for each acre and he cannot afford to have any of ness of 0.003 inch or less and placed able to get along on the produce of a tial value of the part he wastes. By was won by Mrs. J. D. Dalton, of War-

so doing he is, of course, throwing away opportunities to make money, but this is not always appreciated by those who have not grasped the important fact that in the majority of cases to increase the size of the farm busi- ter repeating shotgun. ness is to increase the profits from it. Those owners, however, who, realizing this, are operating leased land in addition to their own, are, like tenants, careful to see that they pay for no loafer acres.

To anyone who is buying or leasing and, then, it is pointed out, the important question is not "how much am 1 paying an acre for this tract?" but how much am I paying for the acres that are going to work for me?" In the new bulletin it is calculated that ADVICE BY HETTY GREEN 50.8. Improved land, however, is not always the same as productive land. tive, and farm buildings and fences Green of it. stand on land that is improved but

\$7,217,956 in Canal Tolls.

therefore, determine its price,

Uncle, Sam had coffected \$7,217,956 in Panama canal tolls at the end of July, 1916, according to the Canal Record. The collections from vessels in the coastwise trade of the United prior to or immediately subsequent to States formed \$1,923,122 of this total. amounted to \$460,123.

> Lack of Fingers Didn't Bother This Marksman

Rejected for enlistment in the United States marine corps because the "trigger" and middle fingers were missing from his right hand, a raw-boned applicant from Oklahoma, went from the recruiting station in St. Louis to a shooting gallery nearby, and made 25 straight hits on a moving target with a small caliber rifle, while the sergeant who had rejected him looked on. "I can shoot better with my

little finger than some men can with their trigger fingers," the Oklahoman said after his performance at the gallery, "and I cannot understand why you won't take me."

The marine sergeant explained that a hand minus several fingers would look bad when encased in white gloves and that the loss of the fingers would seriously interfere with the proper handling of the rifle at drills. But the Oklahoma recruit was unconvinced and went back home

GREAT IMPORTANCE OF REST | store the cells, so that they can continue to perform their normal func-

tions. Continued Fatigue Works Much In-The man or woman who thinks he jury, Says Ohio Osteopathistcan continue work long after fatigue Sleep Restores Cells. has manifested itself, without stop-

cell of the human body is the great- is doing himself or herself a permaest sanitary problem that confronts nent injury, Doctor Smith concluded. man, according to Dr. Orrell E. Smith of Indianapolis, who recently addressed the Central Ohio Osteopathic associa-Stage Manager-"My dear, 1 wish tion on the value of "Rest as a Thera- you would wear a different gown in peutic Agent." Doctor Smith declared | the second act." Rita Ravenyelp-"But that "no greater service is ever ren- that is the latest style, and I paid two dered to the body in health or disease hundred dollars for it." Stage Manthan that of establishing the most ager-"That may be true, but when favorable conditions for sleep and your husband says: 'Woman, you are rest." These are imperatively needed hiding something from me, the audifor cellular reconstruction and restora- ence can't figure out what he means."

tion following physical and mental ef- -Judge. The delicate organism of the cells Do not let the shadow of tomorrow's may be permanently injured by "long and persistent hours of work without disagreeable duty fall over the brightsufficient rest." Fatigue and overwork ness that belongs to today. Do not result in the accumulation of waste double the shadow by forecast, and and harmful material in the cells and especially do not throw it over others.

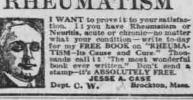
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ductive acres are loafer acres, it is The Greatest Trapshooting Event of the Year, Won with Winchester

"Repeater" Shells. The Grand American Handicap, the trapshooting classic, equivalent to the World's Series in Baseball, the highest honor the world has to bestow in trapshooting, the event that marks the cil-

max in the trapshooter's career, was pact. In the case of the farmstead, won by Capt. J. F. Wulf, of Milwauhowever, considerations of health and kee, with the wonderful score of 99x100 attractiveness may well justify a from the 19-yard mark. In making this great win he shot Winchester "Repeater" loaded shells. The National Amateur Champion

ship was won by F. M. Troeh, of the State of Washington. Mr. Troch also took second place for National Amateur Championship at Doubles. He also won the Mound City Overture, and the General Average on all targets, and General Average on 16-vard targets. them idle. On the other hand, the In winning all these events, Mr. Troch man who has no rent to pay may be used a Winchester repeating shotgun. The Women's National Championpart only of his farm, and he is, there- ship, the first event of the kind ever fore, more likely to overlook the poten- staged at a Grand American Handicap, saw, Indiana, with a Winchester re-

peating shotgun. The Dunspaugh Trophy, emblematic of the Professional Championship, was won by Phil R. Miller with a Winches-

The Hercules All-round Amateur Championship was won by Edw. I. Bartlett, of Baltimore, with Winchester loaded shells. This was a hard match to win, as it called for 50 singles at 18, 20, 22 yards, respectively, and 25 doubles at 16 yards.

This was a great cleanup for Winchester guns and shells and a demonstration of their wonderful shooting qualities.

in Pennies and Save Them."

During one of the periods of her economical living streaks the late Mrs. Hetty Green was staying at a moderate-priced boarding house, where a jobless young stenographer came to A good timber lot, for example, is not know her. The girl finally landed a improved, but it may be highly produc- position for \$12 a week and told Mrs.

"You've got to eave here," said the produces nothing. In the final an- old woman emphatically. "You are not alysis, it is the amount of productive earning enough to pay so much for land that determines the earning ca- your keep. I'll tell you where to go. pacity of a farm and that should. There's a hotel for working girls I know. I lent the man the money to build it. There are washrooms there and sewing rooms. Make your own clothes and care for them. Get a roommate. It will cost you only \$4. Save \$6 our of your \$12. Do not go out nights. Watch your company. Do what I tell you and you'll get on. Anybody can. The trouble is, most people don't know the value of five cents. You are advised. Don't figure in dollars; figure in pennies, and save

> Can't Perform a Miracle. "A Virginia inventor has brought out a motor-driven plow from which the motor can be removed for other work about a farm," said the city man. "Do you suppose it could be attached to the farmhand and make him move

any faster?" When a man and woman argue the woman invariably gets the last word; but when two women argue it's always

By an electrical refining process a plant in Norway is producing 50,000 tons of zinc annually.

A. N. Lockhart of Pittsburgh, Pa.,

says he has discovered how to build desirable houses of mud.

